

Amendments to the Claims:

This listing of claims replaces all prior versions of claims in the application.

Please cancel claims 1-11 and claims 15- 24. Please amend claims 12-14 as follows

1.- 11. (Canceled)

12. (Currently Amended) A portable pressure calibration system comprising:
a handheld measurement module having a pressure differential sensor with a high pressure input and a low pressure input;
a pressure differential generating module associated with said handheld measurement module, said pressure differential generating module comprising:

a portable flow accelerator having a passage therethrough, said passage having an interior side wall, a high pressure region with a first cross sectional area and a low pressure region with a second cross sectional area, the first cross sectional area being larger than the second cross sectional area, said interior side wall having a sloping portion that is disposed between the first cross sectional area and the second cross sectional area, said accelerator further including:

an accelerator low pressure tap in fluid connection with the low pressure region of the flow accelerator, said low pressure tap adapted for fluid connection with the low pressure input of the handheld measurement module;

an accelerator high pressure tap in fluid connection with the high pressure region of the flow accelerator; said high pressure tap adapted for fluid connection with the low pressure input of the handheld measurement module; and

a portable pump in fluid connection with the passage in the flow accelerator.

13. (Original) The portable pressure calibration system of claim 12 wherein the pump is configured to create a positive fluid flow away from the pump and forces fluid through the passage of the flow accelerator.

14. (Original) The pressure differential calibration system of claim 12 wherein the pump is a vacuum pump configured to draw fluid through the passage of the flow accelerator toward the pump.

15.-24. (Canceled)

25. (New) The portable pressure calibration system of claim 12 wherein the sloping portion of the side wall in the flow accelerator is conically shaped.

26. (New) The portable pressure calibration system of claim 12 further including a cylindrical portion of sidewall disposed adjacent to the sloping portion of the side wall and between the first and second cross sectional areas.

27. (New) The portable pressure calibration system of claim 25 further including a cylindrical portion of sidewall disposed adjacent to the conical portion of the side wall and between the first and second cross sectional areas.

28. (New) The portable pressure calibration system of claim 12 wherein the sloping portion of the side wall in the flow accelerator tapers from the first cross sectional area to the second cross sectional area.

29. (New) The portable pressure calibration system of claim 28 further including a rectangular portion of sidewall disposed adjacent to the sloping portion of the side wall and between the first and second cross sectional areas.

30. (New) The portable pressure calibration system of claim 12 wherein the ratio of the first cross sectional area to the second cross sectional area is at least 8.8.

31. (New) The portable pressure calibration system of claim 12 wherein the ratio of the first cross sectional area to the second cross sectional area is at least 21.5.

32. (New) The portable pressure calibration system of claim 12 wherein the ratio of the first cross sectional area to the second cross sectional area is between 8.8 and 21.5.